Providing C4ISR Capabilities in Support of Homeland Security

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SAN DIEGO – During Operation Enduring Freedom (OEF), Operation Iraqi Freedom (OIF) and immediately following the Sept. 11 terrorist attack, Southern California-based organizations in the SPAWAR Enterprise rapidly responded to field advanced capabilities, both for the early deployment of naval forces as well as for homeland security requirements.

This rapid fielding clearly demonstrates the speed to capability delivered by the Navy's C4I community, led by key components of the SPAWAR Enterprise – SPAWAR Headquarters, the Program Executive Office for C4I and Space, and SPAWAR Systems Center, San Diego (SSC SD).

The SPAWAR Enterprise accelerated C4I installations for early battle force deployers after the Sept. 11 terrorist attack. For example, C4I installation timelines were shortened from six months to less than four weeks in support of the early deployment of the USS John C. Stennis (CVN-74) Carrier Battle Group.

Additionally, three urban robots were deployed the day after the terrorist attack to assist with the search and recovery efforts at the World Trade Center. That same day, the SPAWAR Enterprise also responded with a communications team to the Pentagon to assist the Chief of Naval Operations staff with restoring C4I capabilities to the Navy's Command Center. By March 2002, all C4I capabilities were restored.

The ability to field these vital technologies in support of OEF, OIF and the Sept. 11 terrorist attack proves to be an integral part of the continuing success of the U.S. Armed Forces.

PEO C4I and Space, in partnership with SSC SD, developed and rapidly fielded a set of web-based knowledge management tools and technologies collectively known as K-WEB on the USS Carl Vinson (CVN-70) to conduct distributed command and control at increased speeds. Lauded by the battle group commander, K-WEB was an indispensable tool to conduct the Navy's strike planning and mission execution in Afghanistan.

The SPAWAR Enterprise continues to provide essential command, control and communications capabilities to federal and state services and agencies involved in the global war on terrorism.

The combination of accelerated design, development, fielding and installation timelines allows the warfighter to conduct operations with a decisive advantage. Furthermore, a significant increase in intelligence capabilities, allied interoperability and bandwidth provide the warfighter with the capability to make decisions better and faster.

The SPAWAR Enterprise continues to provide joint C4I capabilities, enabling time-critical strike, maritime interdiction, theater missile defense, and intelligence, surveillance and reconnaissance operations.

By offering the resources and acquisition expertise to converge cutting edge technology, the SPAWAR Enterprise tailors the technology to the warfighter's needs and expeditiously delivers it to provide the U.S. Armed Forces with tools they need to fight and win.

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